Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142664.D
Acq On : 07 Jun 2025 01:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 07 04:15:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	140901	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	537775	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	271597	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	390854	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	258060	20.000	ng	0.00
86) Perylene-d12	15.562	264	313313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	623931	74.604	ng	0.00
7) Phenol-d6	6.522	99	751057	74.603	ng	-0.01
23) Nitrobenzene-d5	7.463	82	731983	74.221	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	205115	68.045	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1459258	72.097	ng	-0.01
79) Terphenyl-d14	13.010	244	1079397	57.159	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	134741	40.261	ng	96
3) Pyridine	3.422	79	334278	39.224	ng	99
4) n-Nitrosodimethylamine	3.381	42	161700	36.542	ng	88
6) Aniline	6.557	93	511426	37.781	ng	100
8) 2-Chlorophenol	6.681	128	348259	38.231	ng	100
9) Benzaldehyde	6.445	77	213032	35.182	ng	99
10) Phenol	6.539	94	422933	37.335	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	310778	38.112	ng	100
12) 1,3-Dichlorobenzene	6.834	146	385028	37.879	ng	99
13) 1,4-Dichlorobenzene	6.910	146	391164	38.203	ng	99
14) 1,2-Dichlorobenzene	7.063	146	372576	38.028	ng	100
15) Benzyl Alcohol	7.034	79	274524	36.899	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	510436	37.275	ng	97
17) 2-Methylphenol	7.145	107	266594	37.484	ng	98
18) Hexachloroethane	7.410	117	135159	37.803	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	221216	35.455	ng	97
20) 3+4-Methylphenols	7.298	107	321473	35.297	ng	95
22) Acetophenone	7.304	105	433572	36.420	ng	98
24) Nitrobenzene	7.481	77	330224	37.125	ng	100
25) Isophorone	7.716	82	607072	36.817	ng	98
26) 2-Nitrophenol	7.792	139	189409	39.852	ng	98
27) 2,4-Dimethylphenol	7.828	122	313163	37.363	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	384696	37.348	ng	99
29) 2,4-Dichlorophenol	8.033	162	291637	38.260	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	310758	37.565	ng	98
31) Naphthalene	8.204	128	976216	36.867	ng	100
32) Benzoic acid	7.945	122	191001	37.436	ng	96
33) 4-Chloroaniline	8.251	127	401208	37.392	ng	98
34) Hexachlorobutadiene	8.316	225	190416	36.865	ng	98
35) Caprolactam	8.616	113	79895	37.320	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	278286	35.624	ng	96
37) 2-Methylnaphthalene	8.892	142	605497	36.347	ng	100
38) 1-Methylnaphthalene	8.992	142	616049	35.751	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	306442	39.306	ng	100
41) Hexachlorocyclopentadiene	9.045	237	268284	51.011	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	207497	39.469	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	208713	37.643	ng	98
46) 1,1'-Biphenyl	9.357	154	804124	38.163	ng	99
47) 2-Chloronaphthalene	9.380	162	601806	38.657	ng	99
48) 2-Nitroaniline	9.475	65	171819	38.183	ng	99
49) Acenaphthylene	9.798	152	978643	37.228	ng	100
50) Dimethylphthalate	9.657	163	660662	36.865	ng	100
51) 2,6-Dinitrotoluene	9.722	165	143885	37.200	ng	96
52) Acenaphthene	9.969	154	616516	38.407	ng	99
53) 3-Nitroaniline	9.886	138	152010	35.982	ng	99
54) 2,4-Dinitrophenol	9.992	184	105793	52.942	ng	97
55) Dibenzofuran	10.145	168	844983	36.581	ng	98
56) 4-Nitrophenol	10.045	139	177761	57.027	ng	99
57) 2,4-Dinitrotoluene	10.122	165	186481	36.917	ng	99
58) Fluorene	10.486	166	637655	35.733	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	167050	36.090	ng	97
60) Diethylphthalate	10.351	149	615647	35.175	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	313422	35.753	ng	96
62) 4-Nitroaniline	10.498	138	129839	33.887	ng	96
63) Azobenzene	10.633	77	554301	35.260	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	95789	43.915	ng	94
66) n-Nitrosodiphenylamine	10.592	169	545329	40.782	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	184620	39.947	ng	98
68) Hexachlorobenzene	11.033	284	200466	39.218	ng	100
69) Atrazine	11.121	200	142922	40.246	ng	100
70) Pentachlorophenol	11.227	266	149855	51.926	ng	100
71) Phenanthrene	11.451	178	784434	37.554	ng	99
72) Anthracene	11.498	178	806885	37.850	ng	99
73) Carbazole	11.657	167	661637	36.305	ng	99
74) Di-n-butylphthalate	11.980	149	772425	38.721	ng	99
75) Fluoranthene	12.639	202	699000	35.814	ng	98
77) Benzidine	12.757	184	401419	41.801	ng	99
78) Pyrene	12.868	202	691733	28.734	ng	100
80) Butylbenzylphthalate	13.480	149	278840	41.919	ng	99
81) Benzo(a)anthracene	14.057	228	636910	36.961	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	235144	44.990	ng	100
83) Chrysene	14.092	228	602787	38.930	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	423998	49.792	ng	98
85) Di-n-octyl phthalate	14.657	149	763761	45.871	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	740592	31.486	ng	99
88) Benzo(b)fluoranthene	15.121	252	757384	40.844	ng	98
89) Benzo(k)fluoranthene	15.151	252	628591	36.193	ng	99
90) Benzo(a)pyrene	15.498	252	672980	38.502	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	606758	31.805	ng	99
92) Benzo(g,h,i)perylene	17.533	276	563744	29.544	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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